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File: DWPI

Oct 3, 1995

DERWENT-ACC-NO: 1995-372394

DERWENT-WEEK: 199548

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TITLE: Image display unit with colour balance adjustment - decomposes input video signals into chrominance and luminance components with colour decoding and conversion to RGB signals

PATENT-ASSIGNEE:

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CODE

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PRIORITY-DATA: 1994JP-0068111 (March 14, 1994)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 07255063 A

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APPLICATION-DATA:

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DESCRIPTOR

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INT-CL (IPC): G02 F 1/133; G09 G 3/36; H04 N 5/202; H04 N 9/69; H04 N 9/73

ABSTRACTED-PUB-NO: JP 07255063A

BASIC-ABSTRACT:

The unit includes a decomposition device (10) which generates luminance signals (Y) and chrominance signals (C) from video input signals. The signals are decoded into colour difference signals and converted into RGB signals which are converted using a reverse-gamma converter. The colour temperature of external light is measured using a sensor (40) and the RGB image signals are adjusted for colour balance

ADVANTAGE - Generates see-through image with reduced colour imbalance between image on display unit and background.

CHOSEN-DRAWING: Dwg.1/21

TITLE-TERMS: IMAGE DISPLAY UNIT COLOUR BALANCE ADJUST DECOMPOSE INPUT VIDEO SIGNAL CHROMINANCE LUMINOUS COMPONENT COLOUR DECODE CONVERT RGB SIGNAL

DERWENT-CLASS: P81 P85 W03

EPI-CODES: W03-A04A; W03-A05C5; W03-A08B;

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